Date: Dec. 23, 2002

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REMARKS

This by amendment, claims 34 and 35 have been canceled, and claims 26, 33, 36, 38, 39, 48, 49, 51, 53-57, 59-60, 69, 71-72, 74-75, 84, 86, 88-92, 94-95, 104, 107, and 109 have been amended. New claims 110-255 have been added for examination of the Examiner.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

- 26. (Amended) A high capacity storage medium having [a] video [program] <u>information</u> stored thereon, the video [program] <u>information</u> comprising:
 - a digital audio component;
- a digital video component <u>obtained</u> by converting an input format with no added redundant <u>frames or fields into</u> [having] an intermediate format having a frame rate of substantially 24 frames per second (fps) [, the digital video component having been formed by converting an input video program having an input format with no added redundant frames or fields to the digital video component in the intermediate format];

wherein the digital audio component and the digital video component in [its] the intermediate format are stored on the high capacity storage medium, and wherein the digital video component is viewed by converting the digital video component to [an] output video [program] information having an output format [, the output format having] with a frame rate greater than or equal to the frame rate of the intermediate format of the digital video component.

- 33. (Amended) The high capacity storage medium of claim 32, wherein the compressed digital format is an MPEG-type format.
- 36. (Amended) The high capacity storage medium of claim 26, wherein the intermediate format and output format have an image dimension in pixels, and wherein the image dimension of the output format is [greater] different than that of the intermediate format.
- 38. (Amended) A high capacity storage medium having [a] video [program] <u>information</u> stored thereon, the video [program] <u>information</u> comprising:
 - a digital audio component;
- a digital video component in a compressed format obtained by converting an input format with no added redundant frames or fields into [having] an intermediate format being a compressed digital format having an image dimension in pixels and having a frame rate of substantially 24

frames per second (fps) [, the digital video component having been formed by converting an input video program having an input format with no added redundant frames or fields to the digital video component in the intermediate format];

wherein the digital audio component and the digital video component in [its] the intermediate format are stored on the high capacity storage medium and wherein the digital video component is viewed by converting the digital video component to [an] output video [program] information having an output format, the output format having a frame rate greater than or equal to the frame rate of the intermediate format of the digital video component and having an image dimension in pixels, the image dimension of the output format being [greater] different than the image dimension of the intermediate format.

- 39. (Amended) A system for receiving and viewing [a] video [program] <u>information on a display device</u>, the [device] <u>system</u> comprising:
- a [receiver adapted] <u>signal receiving device configured</u> to receive a signal representative of [a] video [program] <u>information</u> [sent from a remote location, the video program] having a digital audio component and a digital video component, the digital video component having an intermediate format having a frame rate of substantially 24 frames per second (fps) [, the digital video component having been formed by converting an input video program having an input format] with no added redundant frames or fields;
- a [drive] <u>high-capacity storage medium</u> in data communication with the [receiver adapted] <u>signal receiving device configured</u> to store <u>at least a portion of</u> the digital audio component and <u>at least a portion of</u> the digital video component in [its] <u>the</u> intermediate format [on a high capacity storage medium and adapted to read the digital video component in its intermediate format from the high capacity storage medium];
- a graphics processor in data communication with the [drive and adapted] <u>high-capacity</u> storage medium and configured to convert the digital video component in its intermediate format to [an] output video [program] <u>information</u> having an output format, the output format having a frame rate that is [greater than or equal to] <u>different from</u> the frame rate of the intermediate format, the graphics processor further being [in] <u>configured for</u> data communication with a display device for viewing the output video [program] <u>information</u> in the output format.

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48. (Amended) The system of claim 47, [having a first drive] wherein the high-capacity storage medium is in data communication with the [receiver adapted] signal receiving device and is configured to store the digital audio component and the digital video component in its intermediate format [on a high capacity storage medium and having a second drive adapted] and further comprising a drive configured to read the digital video component in its intermediate format from the high capacity storage medium, wherein the graphics processor is in data communication with the [second] drive.

- 49. (Amended) The system of claim 48, wherein the [first drive] <u>signal receiving device</u> is at a location that is physically remote from the location of the [second drive] <u>graphics processor</u>.
- 51. (Amended) The system of claim 50, wherein the compressed digital format is <u>an MPEG-type format</u>.
- 53. (Amended) The system of claim 39, wherein the output format has an image dimension in pixels selected from the group consisting of:

720 x 480;

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720 x 576;

1024 x 576;

1024 x 768;

1280 x 720; [and]

[1080] 1280 x 960; and

1920 x 1080.

54. (Amended) The system of claim 39, wherein the signal <u>receiving device is configured to</u> <u>receive the signal</u> representative of the video [program] <u>information</u> [is received] via at least one broadcast signal.

55. (Amended) The system of claim 39, wherein the signal <u>receiving device is configured to</u> <u>receive the signal</u> representative of the video [program] <u>information</u> [is received] via at least one satellite signal.

56. (Amended) The system of claim 39, wherein the signal <u>receiving device is configured to</u> <u>receive the signal</u> representative of the video [program] <u>information</u> [is received] via a high bandwidth data network.

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- 57. (Amended) The system of claim 39, wherein the intermediate format of the digital video component and the output format of the output [program] <u>video information</u> have an image dimension in pixels, and wherein the image dimension of the intermediate format is [less] <u>different</u> than that of the output format.
- 59. (Amended) A system for receiving and viewing [a] video [program] <u>information</u>, the [device] <u>system</u> comprising:
- a [receiver adapted] signal receiving device configured to receive a signal representative of [a] video [program sent from a remote location, the video program] information having a digital audio component and a digital video component, the digital video component having [an image dimension in pixels and having] an intermediate format being a compressed digital format having an image dimension in pixels and having a frame rate of substantially 24 frames per second (fps) [, the digital video component having been formed by converting an input video program having an input format] with no added redundant frames or fields;
- a [drive] high capacity storage medium in data communication with the [receiver adapted] signal receiving device configured to store at least a portion of the digital audio component and at least a portion of the digital video component in [its] the intermediate format [on a high capacity storage medium and adapted to read the digital video component in its intermediate format from the high capacity storage medium];
- a graphics processor in data communication with the [drive] <u>high capacity storage medium</u> and [adapted] <u>configured</u> to convert the digital video component in its intermediate format to [an] output video [program] <u>information</u> having an output format, the output format having a frame rate

that is greater than or equal to the frame rate of the intermediate format and having an image dimension in pixels, the image dimension of the output format being [greater] <u>different</u> than the image dimension of the intermediate format, the graphics processor further being <u>configured for</u> [in] data communication with a display device for viewing the output video [program] <u>information</u> in the output format.

60. (Amended) A system for viewing [a] video [program] <u>information</u> stored on a removable high capacity storage medium, the [device] <u>system</u> comprising:

[a drive adapted] an input device configured to read the video [program] information from the high capacity storage medium, the video [program] information stored on the high capacity storage medium having a digital audio component and a digital video component, the digital video component having an intermediate format having a frame rate of substantially 24 frames per second (fps), the digital video component having been formed by converting [an] input video [program] information having an input format with no added redundant frames or fields;

a graphics processor in data communication with the [drive] <u>input device</u> and [adapted] <u>configured</u> to convert the digital video component in its intermediate format to [an] output video [program] <u>information</u> in an output format, the output format having a frame rate that is greater than or equal to the frame rate of the intermediate format, the graphics processor further being <u>capable of being</u> in data communication with a display device for viewing the output video [program] <u>information</u> in the output format.

- 69. (Amended) The system of claim 68, wherein the compressed digital format is <u>an MPEG-type format</u>.
- 71. (Amended) The system of claim 60, wherein the output format has an image dimension in pixels selected from the group consisting of:

720 x 480;

720 x 576;

1024 x 576;

1024 x 768;

1280 x 720; [and]

1280 [1080] x 960; and

1920 x 1080.

- 72. (Amended) The system of claim 60, wherein the intermediate format of the digital video component and the output format [of the output program] have an image dimension in pixels, and wherein the image dimension of the output format is [greater] different than that of the intermediate format.
- 74. (Amended) A system for viewing [a] video [program] <u>information</u> stored on a [removable] high capacity storage medium, the [device] <u>system</u> comprising:

[a drive adapted] an input device configured to read the video [program] information from the high capacity storage medium, the video [program] information stored on the high capacity storage medium having a digital audio component and a digital video component, the digital video component having an intermediate format being a compressed digital format having an image dimension in pixels and having a frame rate of substantially 24 frames per second (fps), the digital video component [having been formed by converting an] resulting from the conversion of input video [program] information having an input format with no added redundant frames or fields;

- a graphics processor in data communication with the [drive] <u>input device</u> and [adapted] <u>configured</u> to convert the digital video component in its intermediate format to [an] output video [program] <u>information</u> in an output format, the output format having a frame rate that is greater than or equal to the frame rate of the intermediate format and having an image dimension in pixels, the image dimension of the output format being [greater] <u>different</u> than the image dimension of the intermediate format, the graphics processor further being <u>configured for</u> [in] data communication with a display device for viewing the output video [program] <u>information</u> in the output format.
- 75. (Amended) A method for viewing [a] video [program] <u>information on a display device</u>, [the method] comprising:

receiving <u>via a signal receiving device</u> a signal representative of [a] video [program sent from a remote location] <u>information</u>, the video [program] <u>information</u> having a digital audio

component and a digital video component, the digital video component having an intermediate format having a frame rate of substantially 24 frames per second (fps), the digital video component [having been formed by converting an] resulting from the conversion of input video [program] information having an input format with no added redundant frames or fields;

storing the digital audio component and the digital video component in its intermediate format on a high capacity storage medium;

reading the digital video [program] <u>component</u> from the high capacity storage medium; <u>sending the digital video component in its intermediate format to a graphics processor;</u>

[processing] converting the digital video component [of the video program] with [a] the graphics processor [to convert the digital video component in its] from the intermediate format to [an] output video [program] information in an output format, the output format having a frame rate that is greater than or equal to the frame rate of the intermediate format of the digital video component; and

[sending] <u>outputting</u> the output video [program] <u>information</u> in the output format to a display device for viewing.

- 84. (Amended) The method of claim 75, wherein the digital audio component and digital video component are stored on the high capacity storage medium at a location that is physically remote from the location where the digital video component is converted [in a first drive and the digital video program is read from the high capacity storage medium in a second drive and wherein the first drive is at a location that is physically remote from the location of the second drive].
- 86. (Amended) The method of claim 75, wherein the compressed digital format is <u>an</u> MPEG-type format.
- 88. (Amended) The method of claim 75, wherein the output format has an image dimension in pixels selected from the group consisting of:

720 x 480;

720 x 576;

1024 x 576;

1024 x 768; 1280 x 720; [and] 1280 [1080] x 960;

1920 x 1080.

89. (Amended) The method of claim 75, wherein the signal <u>receiving device is configured to</u> receive the <u>signal</u> representative of [a] <u>the</u> video [program] <u>information [is received]</u> via at least one broadcast signal.

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- 90. (Amended) The method of claim 75, wherein the signal <u>receiving device is configured to</u> receive the <u>signal</u> representative of [a] <u>the video [program] information [is received] via at least one satellite signal.</u>
- 91. (Amended) The method of claim 75, wherein the signal <u>receiving device is configured to</u> receive the signal representative of [a] <u>the</u> video [program] <u>information [is received]</u> via a high bandwidth data network.
- 92. (Amended) The method of claim 75, wherein the intermediate format of the digital video component and the output format [of the output program] have an image dimension in pixels, and wherein the image dimension of the output format is [greater] different than that of the intermediate format.
- 94. (Amended) A method for viewing [a] video [program] <u>information on a display device</u>, [the method] comprising:

receiving <u>via a signal receiving device</u> a signal representative of [a] video [program sent from a remote locate] <u>information</u>, the video [program] <u>information</u> having a digital audio component and a digital video component, the digital video component having an intermediate format <u>being a compressed digital format</u> having an image dimension in pixels and having a frame rate of substantially 24 frames per second (fps), the digital video component [having been formed

by converting an] <u>resulting from the conversion of</u> input video [program] <u>information</u> having an input format with no added redundant frames or fields;

storing the digital audio component and the digital video component in its intermediate format on a high capacity storage medium;

reading the digital video [program] <u>component</u> from the high capacity storage medium; <u>sending the digital video component in its intermediate format to a graphics processor;</u>

[processing] converting the digital video component [of the video program] with [a] the graphics processor [to convert the digital video component in its] from the intermediate format to [an] output video [program] information in an output format, the output format having a frame rate that is greater than or equal to the frame rate of the intermediate format of the digital video component and having an image dimension in pixels, the image dimension of the output format being [greater] different than the image dimension of the intermediate format; and

sending the output video [program] <u>information</u> in the output format to a display device for viewing.

95. (Amended) A method for viewing on a display device [a] video information [, program the method comprising:]

[providing] from a [removable] high capacity storage medium having stored thereon [a] video [program] information having a digital audio component and a digital video component, the digital video component having an intermediate format having a frame rate of substantially 24 frames per second (fps), the digital video component [having been formed by converting an] resulting from the conversion of input video [program] information having an input format with no added redundant frames or fields, the method comprising: [;

placing the removable high capacity storage medium into a drive;]

reading the digital video [program] <u>component</u> in [its] <u>the</u> intermediate format from the high capacity storage medium [with the drive];

[sending the digital video program in its intermediate format to a graphics processor;]

[processing] converting the digital video component of the video [program] information with the graphics processor [to convert the digital video component in] from its intermediate format to [an] output video [program] information in an output format, the output format having a frame

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rate that is greater than or equal to the frame rate of the intermediate format of the digital video component; and

[sending] <u>viewing</u> the output video [program in the output format to a] <u>information on the</u> display device [for viewing].

104. (Amended) The method of claim 103, wherein the compressed digital format is <u>an</u> MPEG-type format.

106. (Amended) The method of claim 95, wherein the output format has an image dimension in pixels selected from the group consisting of:

720 x 480;

720 x 576;

1024 x 576;

1024 x 768;

1280 x 720; [and]

1280 [1080] x 960; and

1920 x 1080.

107. (Amended) The method of claim 95, wherein the intermediate format of the digital video component and the output format [of the output program] have an image dimension in pixels, and wherein the image dimension of the output format is [greater] different than that of the intermediate format.

109. (Amended) A method for viewing on a display device [a] video [program, the method comprising:] information from [providing] a removable high capacity storage medium having stored thereon [a] video [program] information having a digital audio component and a digital video component, the digital video component having an intermediate format being a compressed digital format having an image dimension in pixels and having a frame rate of substantially 24 frames per second (fps), the digital video component having been formed by converting [an] input video

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[program] <u>information</u> having an input format with no added redundant frames or fields, the method <u>comprising</u>: [;]

[placing the removable high capacity storage medium into a drive;]

reading the digital video [program] <u>component</u> in its intermediate format from the high capacity storage medium [with the drive];

[processing] converting the digital video component [of the video program] with a graphics processor to convert the digital video component in [its] the intermediate format to [an] output video [program] information in an output format, the output format having a frame rate that is greater than or equal to the frame rate of the intermediate format of the digital video component and having an image dimension in pixels, the image dimension of the output format being [greater] different than the image dimension of the intermediate format; and

[sending] <u>viewing</u> the output video [program in the output format to a] <u>information on the</u> display device [for viewing].